

# Artisan™ 50 Series



## Quick Guide

*Basic Printing*  
*Maintaining Your Printer*  
*Solving Problems*

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# Introduction

After you have set up your printer as described on the *Start Here* sheet, turn here to:

- Load paper
- Get the basic steps for printing from your computer
- Print true BorderFree® frame-ready prints on select papers
- Print on ink jet-printable CDs and DVDs
- Perform routine maintenance
- Solve simple problems

For additional instructions, see the on-screen *Epson Information Center* by double-clicking the icon for it on your desktop.

Please follow these guidelines as you read your printer instructions:

**Warning:**

Warnings must be followed carefully to avoid bodily injury.

**Caution:**

Cautions must be observed to avoid damage to your equipment.

**Note:**

Notes contain important information about your printer.

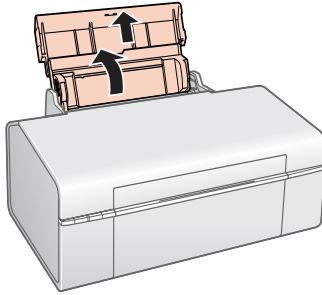
**Tip:**

Tips contain hints for better printing.

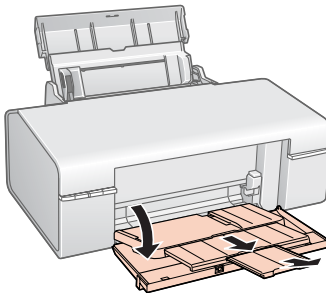
# Loading Paper

You can print on a variety of paper types and sizes. For details, see page 6.

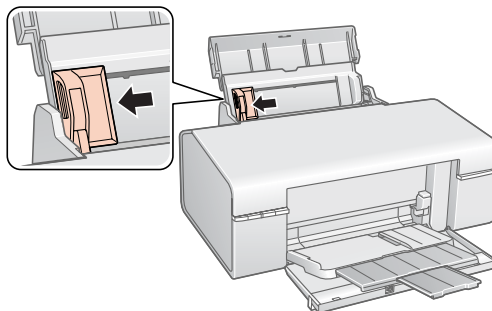
1. Open the paper support, then pull up the extension.



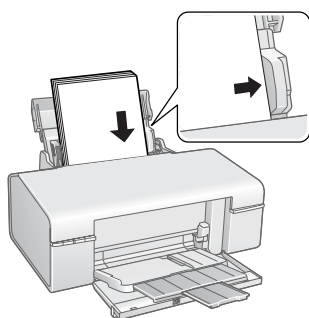
2. Open the front cover and pull out the tray extensions.



3. Slide the edge guide to the left.

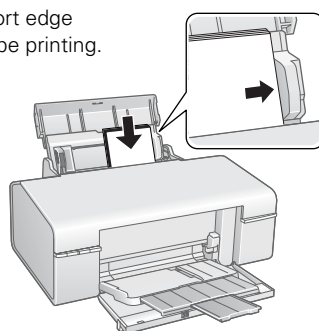


4. Insert paper, glossy or printable side up, short edge first, against the right side and beneath the tab. (Load letterhead or pre-printed paper top edge first.)



Letter-size or 8 × 10-inch paper

Always load paper short edge first, even for landscape printing.



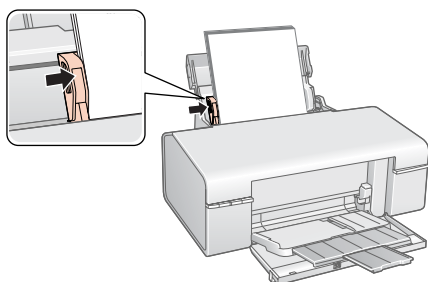
4 × 6 or 5 × 7-inch paper

You can load up to 120 sheets of letter-size plain paper or 20 sheets of photo paper.

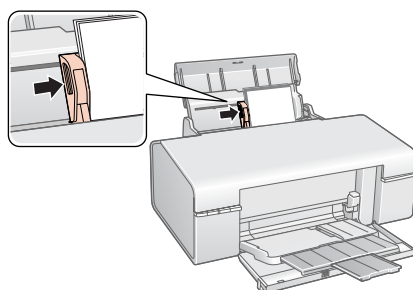
**Note:**

The type of paper you choose affects the way your printout looks. If you are just printing text or a rough draft, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. See the next section for more information.

5. Slide the edge guide against the paper, but not too tightly.



Letter-size or 8 × 10-inch paper



4 × 6 or 5 × 7-inch paper

**Note:**

For instructions on loading envelopes, see your on-screen *Epson Information Center*.

# Using Special Papers

Epson offers a wide array of high quality papers, making it easy to maximize the impact of your photos, presentations, and creative projects.

You can purchase genuine Epson ink and paper at Epson Supplies Central<sup>SM</sup> at [www.epson.com/ink3](http://www.epson.com/ink3) (U.S. sales) or [www.epson.ca](http://www.epson.ca) (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) or visit Epson's website.

Paper type	Size	Part number	Sheet count
Epson Bright White Paper	Letter (8.5 × 11 in.)	S041586	500
Epson Photo Paper Glossy	4 × 6 in.	S041809	50
		S042038	100
	Letter (8.5 × 11 in.)	S041141	20
		S041649	50
		S041271	100
Epson Premium Photo Paper Glossy	Borderless 4 × 6 in.	S041808	40
		S041727	100
	Borderless 5 × 7 in.	S041464	20
	Borderless 8 × 10 in.	S041465	20
	Letter (8.5 × 11 in.)	S042183	25
		S041667	50
Epson Ultra Premium Photo Paper Glossy	Borderless 4 × 6 in.	S042174	100
	Borderless 5 × 7 in.	S041945	20
	Borderless 8 × 10 in.	S041946	20
	Letter (8.5 × 11 in.)	S042182	25
		S042175	50
Epson Premium Photo Paper Semi-gloss	Borderless 4 × 6 in.	S041982	40
	Letter (8.5 × 11 in.)	S041331	20
Epson Presentation Paper Matte	Letter (8.5 × 11 in.)	S041062	100
	Legal (8.5 × 14 in.)	S041067	100
Epson Premium Presentation Paper Matte	Borderless 8 × 10 in.	S041467	50
	Letter (8.5 × 11 in.)	S041257	50
		S042180	100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 in.)	S041568	50
Epson Photo Quality Self-adhesive Sheets	A4 (8.3 × 11.7 in.)	S041106	10
Epson Iron-on Cool Peel Transfer Paper	Letter (8.5 × 11 in.)	S041153	10

# Basic Printing

This section describes the basic steps for printing a photo or document stored on your Windows® or Macintosh® computer, and printing directly on an ink jet-printable CD or DVD. For detailed instructions on printing, see the on-screen *Epson Information Center*.

Before you start, make sure you've installed your printer software and connected the printer to your computer as described on the *Start Here* sheet.

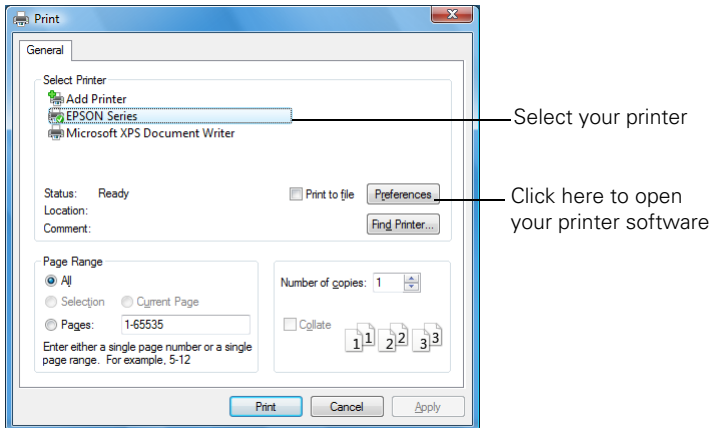
## Tip:

It's a good idea to check for updates to your printer software (see page 24 for instructions).

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## Printing in Windows

1. Open a photo or document in an application.
2. Open the File menu and select **Print**. You see a window like this one:

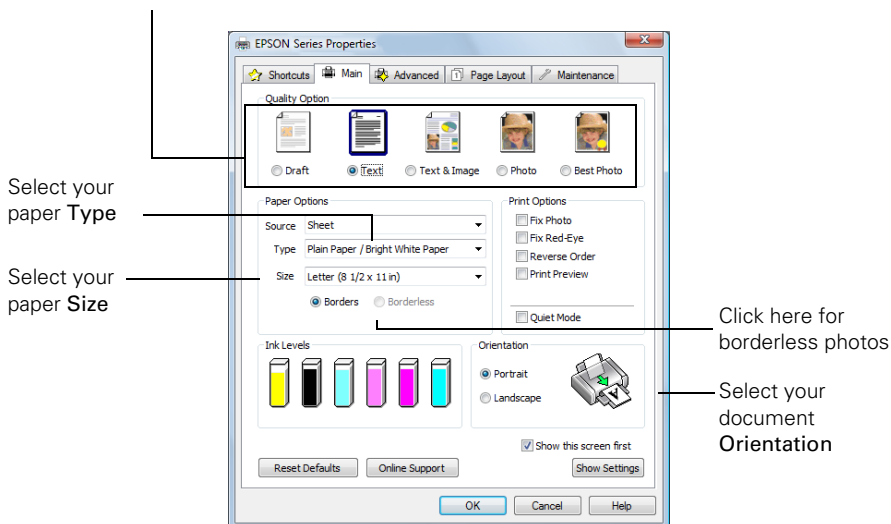


3. Make sure **EPSON Artisan 50 Series** is selected, then click the **Preferences** or **Properties** button.

(If you see a **Setup**, **Printer**, or **Options** button, click it. Then click **Preferences** or **Properties** on the next screen.)

4. On the Main tab, select the basic print settings. Make sure you choose the correct paper **Type** setting for the paper you are using (see page 13 for details).

Select the type of document you're printing  
(choose **Photo** or **Best Photo** for pictures)



**Tip:**

For quick access to the most common settings, click the **Shortcuts** tab and select one of the presets. You can create your own presets by clicking the **Save Settings** button on the **Advanced** tab. For details, see your on-screen *Epson Information Center*

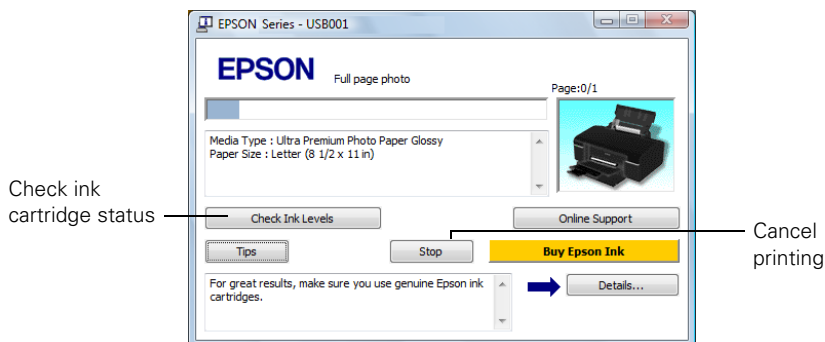
5. To improve the color, contrast, and sharpness of photos, select **Fix Photo**. This feature automatically analyzes your photos and adjusts them if necessary.
6. To reduce or remove red-eye effects in photos, select **Fix Red-Eye**.
7. To print more quietly on plain paper, select **Quiet Mode**.
8. If you want to reduce or enlarge your printout, or print double-sided, click the **Page Layout** tab and select settings as necessary.
9. For more printing options, click the **Advanced** tab.



**Note:**

For more information about print settings, click **Help** or see your on-screen *Epson Information Center*

10. Click **OK** to save your settings.
11. Click **OK** or **Print** to start printing. This window appears and shows the progress of your print job.



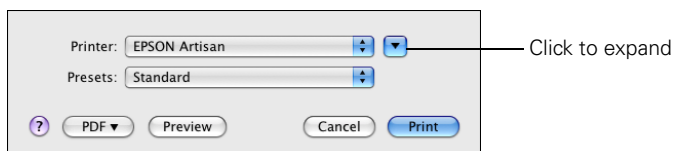
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## Printing With a Macintosh

See one of the sections below for your Mac OS® operating system.

### Mac OS X 10.5

1. Open a photo or document in an application.
2. Open the **File** menu and select **Print**.
3. Select **EPSON Artisan 50** as the **Printer** setting.

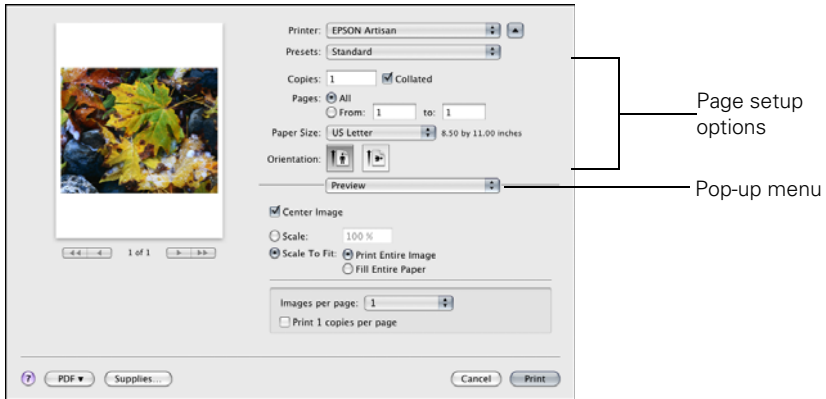


4. Click ▼ to expand the Print window, if necessary.

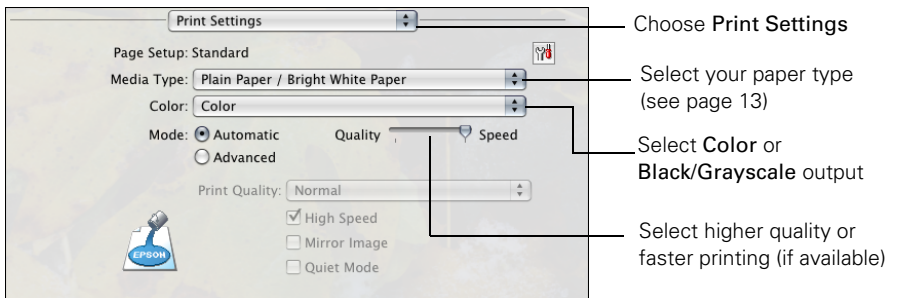
5. Select the basic page setup options. For borderless photos, choose a **Paper Size** setting with a **Sheet Feeder - Borderless** option.

**Note:**

If the setting you want isn't shown (for example, **Scale**), check for it in your application before printing. Or check for it in the settings for your application at the bottom of this window. (If you're printing from Preview, you see the settings shown below.)



6. Choose **Print Settings** from the pop-up menu, then select the following settings that appear on the bottom of the screen:

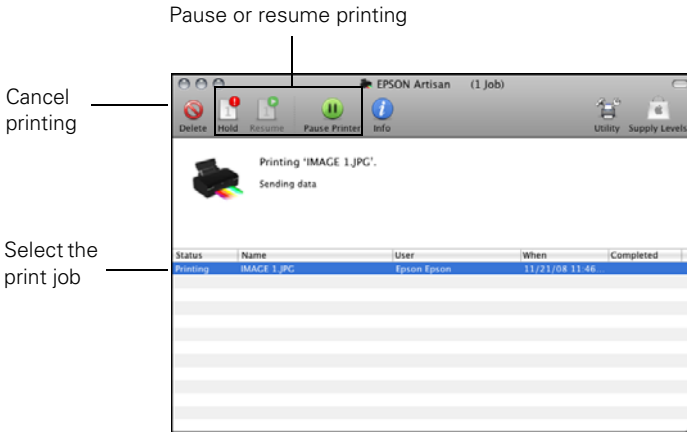


7. Choose any other printing options you may need from the pop-up menu. See the on-screen *Epson Information Center* for details.

**Tip:**

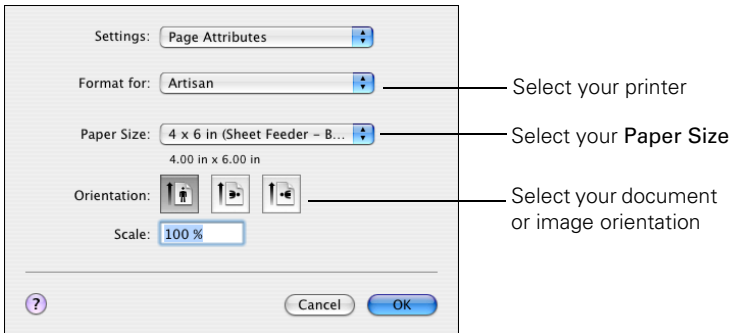
To automatically adjust the color, contrast, and sharpness of photos, choose **Color Management** from the pop-up menu and select **Fix Photo**. To reduce or remove red-eye effects in photos, choose **Extension Settings** from the pop-up menu and select **Fix Red-Eye**.

8. Click Print.
9. To monitor your print job, click the printer icon in the dock. Select your print job, then select an option to cancel, pause, or resume printing, if necessary.



## Mac OS X 10.3 to 10.4

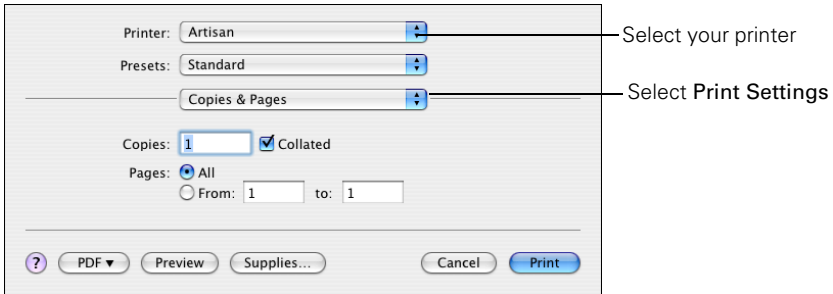
1. Open a photo or document in an application.
2. Select **Page Setup** from the File menu. Select the following settings:



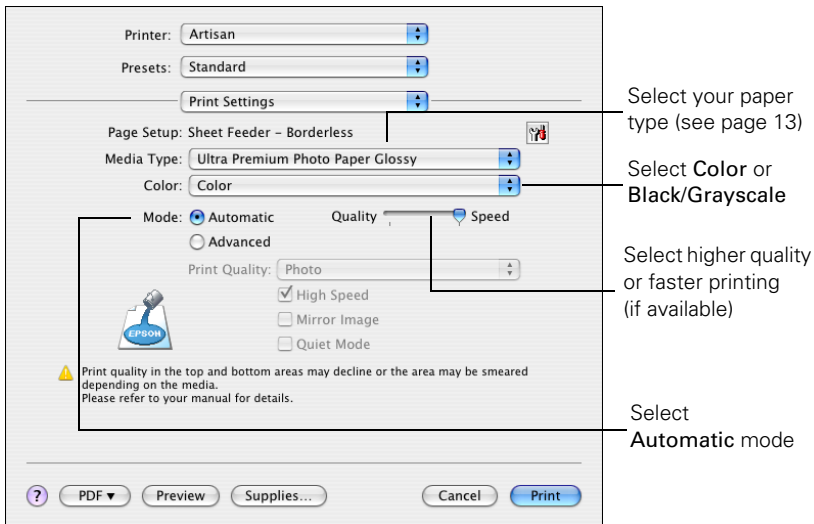
For borderless printing, choose a **Sheet Feeder - Borderless** option in the Paper Size list for your paper size.

3. Click **OK** to close the Page Setup window.

4. Select **Print** from the File menu. You see a window like this one:



5. Choose **Print Settings** from the pop-up menu and select the following settings as necessary:

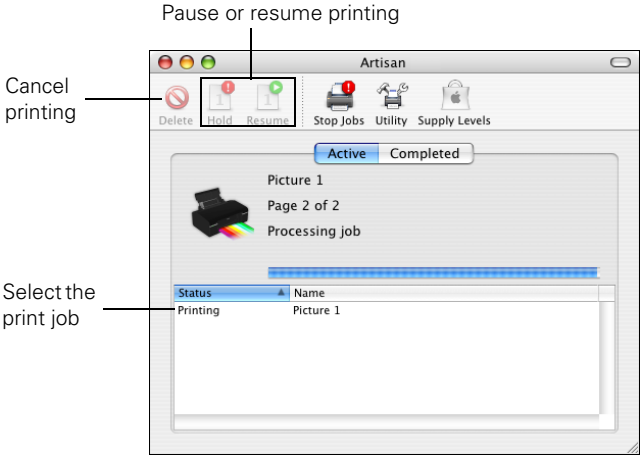


**Note:**

In certain programs, you may need to select **Advanced** before you can select **Print Settings**. For more information about printer settings, click the ? button.

6. Click the **Advanced** button to change additional settings.
7. Choose any other printing options you may need from the pop-up menu. See your on-screen *Epson Information Center* for details.
8. Click **Print**.

9. To monitor the progress of your print job, click the printer icon in the dock.



# Selecting the Correct Paper Type

Select the correct **Type** (see page 8) or **Media Type** (see page 10 or page 12) setting in your printer software. This tells the printer what kind of paper you’re using, so the ink coverage can be adjusted accordingly.

For this paper	Select this setting
Plain paper Epson Bright White Paper	Plain Paper/Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Presentation Paper Matte	Presentation Paper Matte
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer Paper	Premium Presentation Paper Matte
Envelopes	Envelope

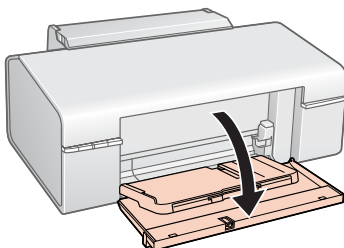
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## Printing on CDs and DVDs

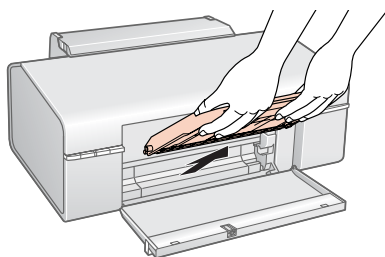
Your printer includes a special tray that lets you print customized text, graphics, and photos directly on an ink jet-printable CD or DVD. The Epson Print CD software makes it easy to import your own photos, add text, and modify your designs with a variety of special effects. For detailed instructions on printing, see the on-screen *Epson Information Center*.

To prevent errors, make sure the data, music, or video is burned on your CD/DVD before you print.

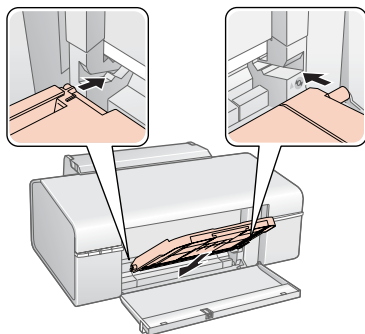
1. Turn on the printer, then open the front cover.



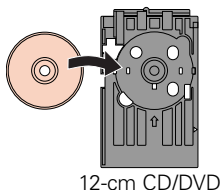
2. Lift the front tray up with both hands, then pull it out of the paper position (lower notches).



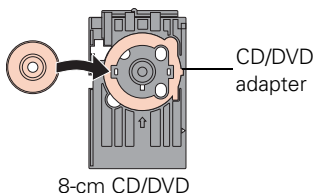
3. Place the front tray in the CD/DVD position (upper notches).



4. Place the disc on the CD/DVD tray with the white or printable side face-up. Make sure the disc lies flat in the tray.

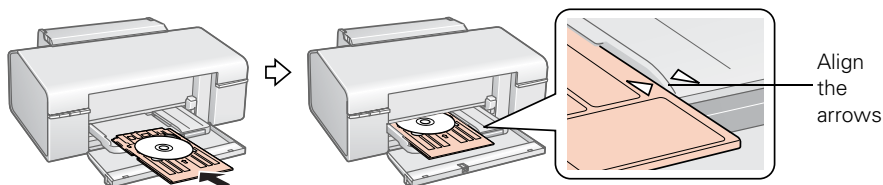


12-cm CD/DVD



8-cm CD/DVD

5. Gently insert the CD/DVD tray along the base of the front tray until the arrows on the CD/DVD tray and the front tray are aligned. Make sure both sides of the CD/DVD tray slide into the brackets on the front tray.



6. To design and print with Epson Print CD, follow the detailed instructions in the on-screen *Epson Information Center*.

**Caution:**

Be sure to place the front tray in the paper (lower) position when you're done printing on CDs and DVDs.


# Maintaining Your Printer

Follow the instructions in this chapter for checking and cleaning the print head nozzles and replacing ink cartridges. To align the print head, if necessary, see your on-screen *Epson Information Center*.

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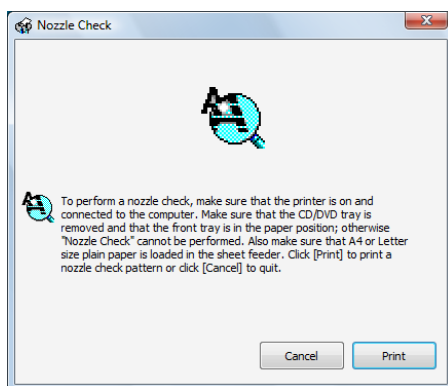
## Checking the Print Head Nozzles

If your printouts are faint or have gaps in them, some of the nozzles in the print head may be clogged. Follow the steps below to check the print head nozzles.

1. Load a few sheets of plain paper in the sheet feeder.
2. **Windows:**  
Right-click the  printer icon in the bottom right corner of your screen (the taskbar) and select **Nozzle Check**.

### Macintosh:

Open the **Applications** folder, open **EPSON Printer Utility3**, select your printer (if necessary), and click **OK**. Then select **Nozzle Check**.



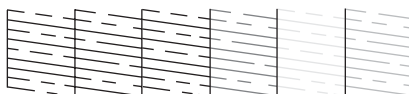
3. Click **Print**.



4. Check the nozzle pattern that prints to see if there are gaps in the lines.



Nozzles are clean



Nozzles need cleaning

5. If there are no gaps, click **Finish**. If there are gaps or the pattern is faint, clean the print head as described in the next section.


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## Cleaning the Print Head

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head. Print head cleaning uses ink, so clean it only if necessary.

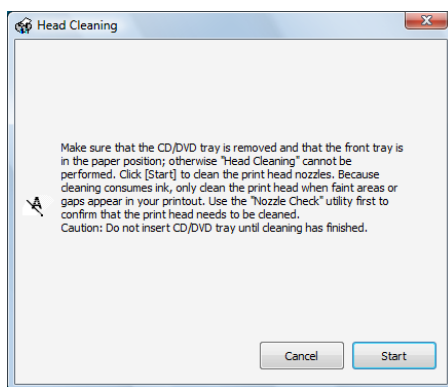
### Note:

You cannot clean the print head if an ink cartridge is expended, and you may not be able to clean it when a cartridge is low. You must replace the cartridge first (see page 20).


1. Load a few sheets of plain paper in the sheet feeder.
2. **Windows:**  
Right-click the  printer icon in the bottom right corner of your screen (the taskbar) and select **Head Cleaning**.

### Macintosh:

Open the **Applications** folder, open **EPSON Printer Utility3**, select your printer (if necessary), and click **OK**. Then select **Head Cleaning**.




3. Follow the on-screen instructions to start the cleaning cycle, which lasts around one minute.

The  power light flashes throughout the cleaning cycle and stays on green when the cycle is finished.

**Caution:**

Never turn off the printer during a cleaning cycle or you may damage it.

4. When the  power light stops flashing and remains on, you can check to see if the nozzles are clean. Click **Print Nozzle Check Pattern** and click **Print**.
5. Check the nozzle pattern that prints to see if there are gaps in the lines.
6. If there are no gaps, click **Finish**.

If there are gaps or the pattern is faint, click **Clean** to clean the print head again.



**Note:**

If you don't see any improvement after cleaning the print head four times, turn off your printer and wait at least six hours to let any dried ink soften. Then try cleaning the print head again. If quality does not improve, one of the ink cartridges may need to be replaced. If that doesn't help, contact Epson as described on page 28.

If you do not use your printer often, it is a good idea to print a few pages at least once a month to maintain good print quality.

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## Checking the Ink Cartridge Status

When the  ink light starts flashing, a cartridge is low on ink. You can continue printing until a cartridge needs replacement. When the  ink light stays on, you need to replace a cartridge.

**Note:**

You cannot print when an ink cartridge is expended even if the other cartridges are not expended. Replace any expended cartridges before printing.

A window will appear on your computer screen when you try to print when ink is low. This window can optionally display ink offers and other updates retrieved from an Epson website.

**Note:**

To disable checking for ink offers or updates from Epson, see the instructions in your on-screen *Epson Information Center*.

**Tip:**

If a cartridge is more than six months old, print quality may decline. If necessary, try cleaning the print head (see page 17). If printouts still do not look their best, you may need to replace the cartridge.

You can purchase genuine Epson ink and paper at Epson Supplies Central at [www.epson.com/ink3](http://www.epson.com/ink3) (U.S. sales) or [www.epson.ca](http://www.epson.ca) (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).

Use the following list when you order or purchase new ink cartridges:

Ink color	High-capacity	Standard-capacity
Black	77	78
Cyan	77	78
Magenta	77	78
Yellow	77	78
Light Cyan	77	78
Light Magenta	77	78

**Note:**

The 78 Standard-capacity ink cartridges and the 77 High-capacity color multipack are available online and from Epson authorized resellers. The 77 High-capacity individual ink cartridges are available only online.

We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

The printer ships with full cartridges and part of the ink from this first set of cartridges is used for priming the printer.

Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a small amount of ink remains in the cartridge after the "replace cartridge" indicator comes on.

For best printing results, use up a cartridge within six months of opening the package and before the expiration date on the cartridge box.

Store ink cartridges in a cool, dark place. If cartridges have been exposed to cold temperatures, allow them to warm up to room temperature for at least 3 hours before using them.

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# Replacing Ink Cartridges


Make sure you have a new ink cartridge before you begin. You must install new cartridges immediately after removing the old ones.


## Caution:

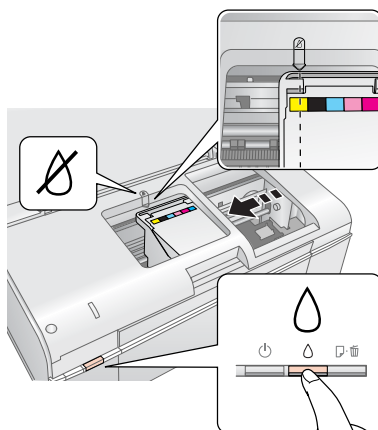
Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

## Note:

Leave the expended cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out.

1. Turn on the printer.
2. Open the printer cover.
3. Press the  ink button.

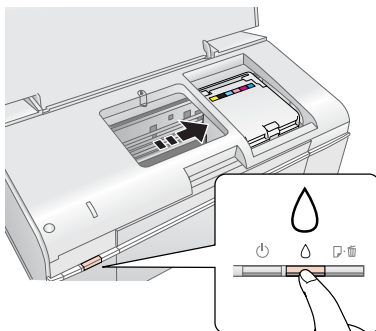
If you are replacing a low or expended cartridge, the print head moves to the  position to indicate which cartridge is low or expended.



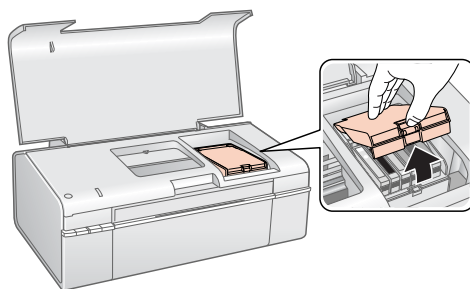
If you are replacing a cartridge before it is low or expended, the print head moves directly to the ink cartridge replacement position. Skip to step 5.

4. Press the  $\Delta$  ink button again.

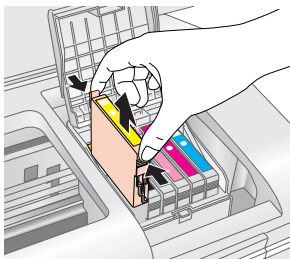
- If another cartridge is low or expended, it moves to the  $\emptyset$  position. Press the  $\Delta$  ink button again to see if any more cartridges are low or expended.
- If no other cartridges are low or expended, the print head moves to the replacement position.



5. Open the cartridge cover.



6. Squeeze the tab on the cartridge and lift it up. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



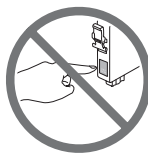
**Caution:**

Do not touch the white cable inside the printer or you may damage it.

**Warning:**

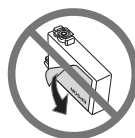
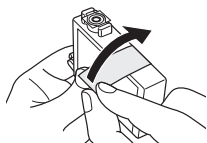
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. Keep ink cartridges out of the reach of children.

7. Remove the cartridge from the package, but be careful not to touch the green chip on the cartridge.
8. Remove the yellow tape from the bottom of the ink cartridge.

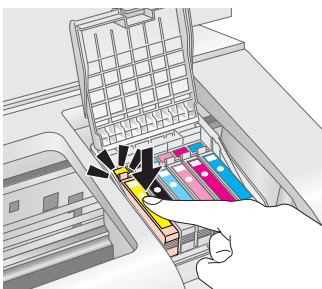


**Caution:**

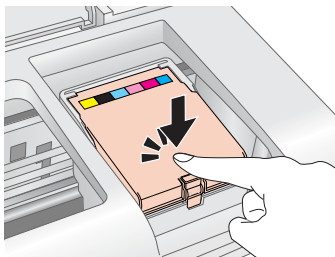
Do not remove any other labels or seals, or ink may leak.



9. Insert the new ink cartridge into the holder and push it down until it clicks into place.



10. Once you replace all the cartridges that need replacing, close the cartridge cover, then close the printer cover.



11. Press the  $\triangle$  ink button to begin charging the ink. This takes about two minutes. When it's finished, the  $\odot$  power light stops flashing and remains on, and the  $\triangle$  ink light goes out.

**Caution:**

Never turn off the printer while ink is charging or you'll waste ink. If the  $\triangle$  ink light flashes, press the  $\triangle$  ink button again and press down all the cartridges securely.

**Note:**

If you remove a low or expended ink cartridge, you cannot reinstall and use the cartridge.

# Solving Problems

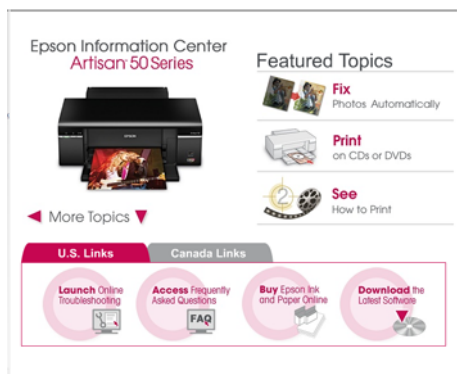
If you have a problem with your printer, check the lights on the printer to diagnose the cause.


You can also check “Problems and Solutions” on page 26 for basic troubleshooting suggestions, or see the on-screen *Epson Information Center* for more detailed help.

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## Checking for Software Updates



















Periodically, it’s a good idea to check Epson’s support website for free updates to your Artisan 50 Series software. Open your on-screen *Epson Information Center* and select **Download the Latest Software** or visit Epson’s support website at [epson.com/support](http://epson.com/support) (U.S.) or [epson.ca](http://epson.ca) (Canada).



With Windows, you can select **Driver Update** on the Maintenance tab in the printer settings window. You can also click  or **Start**, select **All Programs** or **Programs**, select **EPSON**, select **EPSON Artisan 50 Series**, and click **Driver Update**.



# Error Indicators

Light status	Problem and Solution
 light on	Paper is out or multiple pages have fed. Load or reload paper in the sheet feeder, then press the  button. If you're printing on a CD or DVD, the disc is not loaded. Load the disc as described on page 14, then press the  button.
 light flashing	Paper is jammed. Carefully remove the jam as described on page 26. If you're printing on a CD or DVD, the tray is not ejected. Pull out the CD/DVD tray, then press the  button.
 light flashing	One or more cartridges have low ink. You can continue printing until a cartridge needs replacement. Check the cartridge status to determine which cartridges are affected (see page 18).
 light on	One or more ink cartridges are expended, incorrectly installed, or cannot be used with the printer. If an ink cartridge is likely to be expended, you must replace the cartridge to be able to print. If you just replaced a cartridge and the light is still on, the cartridge is not installed correctly. Press the  button to move the cartridges to the replacement position. Press down on all the installed cartridges, then press the  button to continue.
 ink and  lights are flashing;  light is on	The printer cover is open or the front tray is not in the correct position. Make sure the cover is closed and the front tray is in the correct position (lower for paper, upper for CD/DVD)
 ink and  lights are flashing alternately;  light is off	Parts inside the printer are at the end of their service life. Contact Epson for help (see page 28).
 ink and  lights are flashing;  light is off	There is a problem with the printer. Turn it off, wait a few moments, and turn it back on again. If the error is not resolved, contact Epson for help (see page 28).

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
# Problems and Solutions

Check the solutions below if you're having trouble using your printer.

## *Printing Problems*

- Make sure your paper is loaded short edge first and is positioned against the right side with the edge guide against its left side. Don't load paper above the arrow mark inside the edge guide.
- If you are printing borderless photos, make sure you select the **Borderless** option in Windows, or one of the **Sheet Feeder - Borderless** sizes in Mac OS. Use the **Expansion** setting in the printer software to adjust how the image fits on the page.

## *Paper Feeding Problems*

- If paper doesn't feed, remove it from the sheet feeder. Flip through the stack to separate the sheets a little. Then reload the paper against the right side, and slide the left edge guide against the paper (but not too tightly).
- Do not load too many sheets at once. Load up to 20 sheets of photo paper, 120 sheets of letter-size plain paper, 100 sheets of Presentation Paper Matte, or 80 sheets of Epson Bright White Paper. Load other special papers one sheet at a time.
- If paper is stuck inside, open the printer cover, then remove the jammed paper and torn pieces. Close the cover. If paper is stuck in the sheet feeder, gently pull it out. Then carefully reload paper and press the  paper button.

## ***Print Quality Problems***

If you have any problems with the print quality, try these solutions:

- Make sure the printer is not tilted or placed on an uneven surface.
- Load the paper printable side up (usually the whiter, brighter, or glossy side).
- Make sure your paper isn't damp or curled.
- Use a support sheet with special paper or load your paper one sheet at a time. Remove sheets from the output tray so not too many collect at a time.
- Make sure the type of paper you loaded matches the paper size and paper type settings in your printer software (see page 13).
- For the best print quality, use Epson special paper (see page 6) and genuine Epson ink cartridges (see page 18).
- If you notice light or dark bands across your printouts or they are too faint, you may need to clean the print head (see page 17). This unclogs the nozzles so they can deliver ink properly. Run a nozzle check (see page 16) to see if the print head needs cleaning.
- If you notice jagged vertical lines, you may need to align the print head. See your *Epson Information Center* for instructions.
- The ink cartridges may be low on ink. Check your cartridge status (see page 18) and replace cartridges, if necessary (see page 20).

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# Where To Get Help

## ***Epson Technical Support***

### ***Internet Support***

Visit Epson's support website at [epson.com/support](http://epson.com/support) and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

### ***Speak to a Support Representative***

Before you call Epson for support, please have the following information ready:

- Product name (Artisan 50 Series)
- Product serial number (located on the label in back)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

- U.S.: (562) 276-7282, 6 AM to 6 PM, Pacific Time, Monday through Friday.
- Canada: (905) 709-2567, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

## ***Purchase Supplies and Accessories***



You can purchase genuine Epson ink and paper at Epson Supplies Central at [www.epson.com/ink3](http://www.epson.com/ink3) (U.S. sales) or [www.epson.ca](http://www.epson.ca) (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).

# Notices

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## Important Safety Instructions

Before using your printer, read and follow these safety instructions:

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer label.
- Use only the power cord that comes with the printer. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- If you won't be using the printer for a long period, unplug the power cord from the electrical outlet.
- Always turn off the printer using the  power button, and wait until the  power light stops flashing before unplugging the printer or cutting off power to the electrical outlet.
- Avoid plugging the printer into an outlet on the same circuit as a photo copier or air control system that regularly switches on and off, or on an outlet controlled by a wall switch or timer.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the printer for sufficient ventilation. Do not block or cover openings in the case or insert objects through the slots.
- Do not place or store the printer near a radiator or heating vent, in a dusty or moist environment, in direct sunlight, or outdoors.
- Keep the away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.

- Place the printer on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle.
- Do not touch the flat white cable inside the printer, and be careful not to trap your fingers when closing the scanner.
- Do not spill liquid on the printer or use it with wet hands.
- Except as specifically explained in your documentation, do not disassembly, modify, or attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down; otherwise ink may leak from the cartridges.

## ***Ink Cartridge Safety***

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the printer or touch any cartridges during printing.
- Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dry out the print head and may prevent the printer from printing.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area. Store cartridges with their labels facing upward.

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# FCC Compliance Statement

## ***For United States Users***

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## ***WARNING***

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## ***For Canadian Users***

This Class B digital apparatus complies with Canadian ICES-003.

*Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.*

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# Declaration of Conformity

According to 47CFR, Part 2 and 15 for: Class B Personal Computers and Peripherals;  
and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We: Epson America, Inc.  
Located at: MS 3-13  
3840 Kilroy Airport Way  
Long Beach, CA 90806  
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: Epson  
Type of Product: Printer  
Model: B412B

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## Epson America, Inc. Limited Warranty

**What Is Covered:** Epson America, Inc. (“Epson”) warrants to the original retail purchaser that the Epson printer covered by this limited warranty statement, if purchased and operated only in the United States or Canada, will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. For warranty service, you must provide proof of the date of original purchase.

**What Epson Will Do To Correct Problems:** Should your Epson printer prove defective during the warranty period, please call the Epson Connection at (562) 276-7282 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the printer requires service. If service is needed, Epson will, at its option, exchange or repair the printer without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid, so long as you use an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of



receipt of the replacement. Epson requires a debit or a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If Epson authorizes repair instead of exchange, Epson will direct you to send your printer to Epson or its authorized service center, where the printer will be repaired and sent back to you. You are responsible for packing the printer and for all costs to and from the Epson authorized service center. When warranty service involves the exchange of the printer or a part, the item replaced becomes Epson property. The replacement printer or part may be new or refurbished to the Epson standard of quality, and, at Epson's option, may be another model of like kind and quality. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

**What This Warranty Does Not Cover:** This warranty covers only normal use in the United States and Canada. Using this product for continuous production or similar high duty purposes is not considered normal use; damage, maintenance or service from such use will not be covered under this warranty. This warranty is not transferable. This warranty does not cover any color change or fading of prints or reimbursement of materials or services required for reprinting. This warranty does not cover damage to the Epson product caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components, or peripheral devices added to the Epson product after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

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To find the Epson Authorized Reseller nearest you, visit our website at:  
<http://www.epson.com>.

To find the Epson Customer Care Center nearest you, visit:  
<http://www.epson.com/support>.

You can also write to:

Epson America, Inc., P.O. Box 93012, Long Beach, CA 90809-3012

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